

RECEIVED

MAY 23 2001

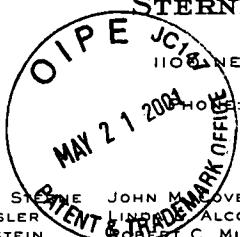
TECH CENTER 1600/2900

STERNE, KESSLER, GOLDSTEIN & FOX, P.L.L.C.

ATTORNEYS AT LAW

1105 NEW YORK AVENUE, N.W. • WASHINGTON, D.C. 20005-3934

PHONE: (202) 371-2600 • FACSIMILE: (202) 371-2540 • www.skgf.com



ROBERT GREENE STEPHEN JOHN M. COVERT  
EDWARD J. KESSLER LINDSEY ALCORN ROBERT C. MILLONIG  
JORGE A. GOLDSTEIN MICHAEL V. MESSINGER  
SAMUEL L. FOX\*\*\*  
DAVID K.S. CORNWELL JUDITH U. KIM  
ROBERT W. EDMOND TIMOTHY J. SHEA, JR.  
TRACY-GENE G. DURKIN DONALD R. MCPHAIL  
MICHELE A. Cimbala PATRICK E. GARRETT  
MICHAEL B. RAY JEFFREY T. HELVEY\*  
ROBERT E. SOKOHL HEIDI L. KRAUS  
ERIC K. STEFFE JEFFREY R. KURIN  
MICHAEL O. LEE RAYMOND MILLIEN  
STEVEN R. LUDWIG PATRICK D. O'BRIEN

LAWRENCE B. BUGAISKY CRYSTAL D. SAYLES  
EDWARD W. YEE ALBERT L. FERRO\*  
DONALD R. BANOWIT PETER A. JACKMAN  
MOLLY A. McCALL TERESA U. MEDLER  
JEFFREY S. WEAVER KRISTIN K. VIDOVICH  
KENDRICK P. PATTERSON DONALD J. FEATHERSTONE  
GRANT E. REED

VINCENT L. CAPUANO JOHN A. HARROUN\*  
ALBERT J. FASULO II\* ELDORA ELLISON FLOYD\*  
W. RUSSELL SWINDELL THOMAS C. FIALA  
BRIAN J. DEL BUONO\* VIRGIL L. BEASTON\*  
RYAN J. STAMPER\* KAREN R. MARKOWICZ\*\*  
SUZANNE E. ZISKA\*\* ANDREA J. KAMAGE\*\*  
NANCY J. LEITH\*\*

ELIZABETH J. HAANES\*\*  
MARK P. TERRY\*\*  
JOSEPH M. CONRAD, III\*\*  
DOUGLAS M. WILSON\*\*  
REGINALD D. LUCAS\*\*  
ANNE E. SUMMERFIELD\*\*  
CYNTHIA M. BOUCHEZ\*\*  
HELENE C. CARLSON\*\*  
BRUCE E. CHALKER\*\*  
DUSTIN T. JOHNSON\*\*  
MATTHEW J. DOWD\*\*

\*LIMITED TO MATTERS  
AND PROCEEDINGS BEFORE  
FEDERAL COURTS & AGENCIES  
\*\*REGISTERED PATENT AGENT  
\*\*\*SENIOR COUNSEL

May 21, 2001

#3  
A.J.J  
5/24/01  
  
WRITER'S DIRECT NUMBER:  
(202) 371-2678

Commissioner for Patents  
Washington, D.C. 20231

Re: U.S. Utility Patent Application  
Appl. No. 09/785,474; Filed: February 20, 2001  
For: **Genetic Alterations Related to Familial Alzheimer's Disease**  
Inventors: TANZI *et al.*  
Our Ref: 0609.4180002/JAG/JUK

Sir:

Applicants submit the following documents for appropriate action by the U.S. Patent and Trademark Office:

1. Information Disclosure Statement;
2. Form PTO-1449 (51 sheets citing 179 documents);
3. 179 documents cited in Form PTO-1449; and
4. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

BEST AVAILABLE COPY

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Commissioner for Patents  
May 21, 2001  
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

*Judith U. Kim*

Judith U. Kim  
Attorney for Applicants  
Registration No. 40,679

JAG/JUK/law

Enclosures

P:\USERS\JKIM\0609\418-2\pto\ids.pto  
SKGF Rev. 4/27/00 mac

BEST AVAILABLE COPY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

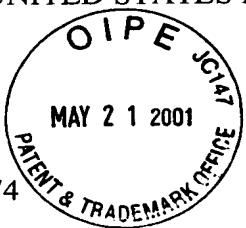
In re application of:

TANZI *et al.*

Appl. No. 09/785,474

Filed: February 20, 2001

For: **Genetic Alterations Related to  
Familial Alzheimer's Disease**



Confirmation No. 6844

Art Unit: 1647

Examiner: To be assigned

Atty. Docket: 0609.4180002/JAG/JUK

**Information Disclosure Statement**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. A copy of each of these documents is provided.

Document AT41 is in a foreign language. Document AT41 has an English language summary on pages 299-301.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

**BEST AVAILABLE COPY**

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith. It is further understood that the Examiner will consider information that had been cited or submitted to the U.S. Patent and Trademark Office in a prior application relied on under 35 U.S.C. § 120, 1138 OG 37, 38 (May 19, 1992).

This Information Disclosure Statement is being filed within three months of the date of filing of a national application other than a continued prosecution application. No statement or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and to indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Judith U. Kim  
Attorney for Applicants  
Registration No. 40,679

Date: May 21, 2001

1100 New York Avenue, N.W.  
Suite 600  
Washington, D.C. 20005-3934  
(202) 371-2600



FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785,474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001		GROUP 1647	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA1	4,411,993	10/25/1983	Gillis, S.	435	68	04/29/1981
	AB1	4,543,439	09/24/1985	Frackleton, Jr., A.R. et al.	935	92	12/13/1982
	AC1	Re 32,011	10/22/1985	Zimmerman, T.S. et al.	260	112 B	12/14/1981
	AD1	4,579,821	04/01/1986	Palmiter, R.D. et al.	435	172.3	11/23/1981
	AE1	4,683,195	07/28/1987	Mullis, K.B. et al.	435	6	02/07/1986
	AF1	4,683,202	07/28/1987	Mullis, K.B.	435	91	10/25/1985
	AG1	4,736,866	04/12/1988	Leder, P. et al.	800	1	06/22/1984
	AH1	4,786,600	11/22/1988	Kramer, F.R. et al.	435	235	05/25/1984
	AI1	4,800,159	01/24/1989	Mullis, K.B. et al.	435	172.3	12/17/1986
	AJ1	4,876,187	10/24/1989	Duck, P. et al.	435	6	12/05/1985
	AK1	5,011,769	04/30/1991	Duck, P. et al.	435	6	04/29/1988

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL1	EP 0 125 023 A1	11/14/1984	Europe			Yes No
	AM1	EP 0 171 496 A2	02/19/1986	Europe			Yes No
	AN1	WO 86/01533	03/13/1986	WIPO			Yes No
	AO1	EP 0 173 494 A2	05/03/1986	Europe			Yes No
	AP1	EP 0 184 187 A2	06/11/1986	Europe			Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	1	Abraham, C.R. et al., "Immunochemical Identification of the Serine Protease Inhibitor $\alpha_1$ -Antichymotrypsin in the Brain Amyloid Deposits of Alzheimer's Disease," <i>Cell</i> 52:487-501, Cell Press (1988)
AS	1	Acsadi, G. et al., "Human dystrophin expression in mdx mice after intramuscular injection of DNA constructs," <i>Nature</i> 352:815-818, Macmillan Publishers Ltd (1991)
AT	1	Alber, T. and G. Kawasaki, "Nucleotide Sequence of the Triose Phosphate Isomerase Gene of <i>Saccharomyces cerevisiae</i> ," <i>J. Mol. Appl. Genet.</i> 1:419-434, Raven Press (1982)

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785,474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001	GROUP 1647		

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA2	5,087,571	02/11/1992	Leder, P. et al.	435	240.2	03/22/1988
	AB2	5,175,383	12/29/1992	Leder, P. et al.	800	2	02/17/1989
	AC2	5,175,384	12/29/1992	Krimpenfort, P.J.A. et al.	800	2	12/05/1988
	AD2	5,221,778	06/22/1993	Byrne, G.W. et al.	800	2	08/24/1988
	AE2	5,347,075	09/13/1994	Sorge, J.A.	800	2	06/06/1991
	AF2	5,387,742	02/07/1995	Cordell, B.	800	2	06/17/1991
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL2	WO 87/02671	05/07/1987	WIPO			Yes No
	AM2	WO 90/07936	07/26/1990	WIPO			Yes No
	AN2	EP 0 415 731 A2	03/06/1991	Europe			Yes No
	AO2	WO 91/02805	03/07/1991	WIPO			Yes No
	AP2	WO 94/21683	09/29/1994	WIPO			Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	2	Ammerer, G., "Expression of Genes in Yeast Using the ADCI Promoter," <i>Meth. Enzymol.</i> 101:192-201, Academic Press, Inc. (1983)
AS	2	Atkinson, A.E. et al., "Baculoviruses as Vectors for Foreign Gene Expression in Insect Cells," <i>Pestic. Sci.</i> 28:215-224, Society of Chemical Industry (1990)
AT	2	Bauer, C.E. et al., "A genetic enrichment for mutations constructed by oligodeoxynucleotide-directed mutagenesis," <i>Gene</i> 37:73-81, Elsevier Science Publishers (1985)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785,474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001	GROUP 1647		

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL3	WO 96/34099	10/31/1996	WIPO			Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	3	Beggs, J.D., "Transformation of yeast by a replicating hybrid plasmid," <i>Nature</i> 275:104-109, Macmillan Publishers Ltd (1978)
AS	3	Beidler, C.B. et al., "Cloning and High Level Expression of a Chimeric Antibody with Specificity for Human Carcinoembryonic Antigen," <i>J. Immunol.</i> 141:4053-4060, The American Association of Immunologists (1988)
AT	3	Bej, A.K. et al., "Polymerase Chain Reaction-Gene Probe Detection of Microorganisms by Using Filter-Concentrated Samples," <i>Appl. Environ. Microbiol.</i> 57:3529-3534, American Society for Microbiology (1991)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785,474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001	GROUP 1647		

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	4	Benjamin, R. et al., "Protective effect of apoE ε2 in Alzheimer's disease," Lancet 344:473, The Lancet Ltd (August 1994)
AS	4	Bergman, Y. et al., "Two regulatory elements for immunoglobulin κ light chain gene expression," Proc. Natl. Acad. Sci. USA 81:7041-7045, The National Academy of Sciences of the USA (1984)
AT	4	Better, M. et al., "Escherichia coli Secretion of an Active Chimeric Antibody Fragment," Science 240:1041-1043, American Association for the Advancement of Science (1988)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785, 474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001		GROUP 1647	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	5	Bird, R.E. et al., "Single-Chain Antigen-Binding Proteins," <i>Science</i> 242: 423-426, American Association for the Advancement of Science (1988)
	AS	5	Bird, T.D. et al., "Familial Alzheimer's Disease in American Descendants of the Volga Germans: Probable Genetic Founder Effect," <i>Ann. Neurol.</i> 23:25-31, American Neurological Association (1988)
	AT	5	Bird, T.D. et al., "Phenotypic Heterogeneity in Familial Alzheimer's Disease: A Study of 24 Kindreds," <i>Ann. Neurol.</i> 25:12-21, American Neurological Association (1989)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK	APPLICATION NO. 09/785,474
		APPLICANT TANZI et al.	
		FILING DATE February 20, 2001	GROUP 1647

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	6	Blais, B.W., "Transcriptional Enhancement of the <i>Listeria monocytogenes</i> PCR and Simple Immunoenzymatic Assay of the Product Using Anti-RNA:DNA Antibodies," <i>Appl. Environ. Microbiol.</i> 60:348-352, American Society for Microbiology (January 1994)
	AS	6	Bolivar, F. et al., "Construction and Characterization of New Cloning Vehicles. II. A Multipurpose Cloning System," <i>Gene</i> 2:95-113, Elsevier/North-Holland Biomedical Press (1977)
	AT	6	Boshart, M. et al., "A Very Strong Enhancer Is Located Upstream of an Immediate Early Gene of Human Cytomegalovirus," <i>Cell</i> 41:521-530, Cell Press (1985)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785,474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001	GROUP 1647		

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	7	Botstein, D. et al., "Sterile Host Yeasts (SHY): A Eukaryotic System of Biological Containment for Recombinant DNA Experiments," <i>Gene</i> 8:17-24, Elsevier/North-Holland Biomedical Press (1979)
AS	7	Brinster, R.L. et al., "Factors affecting the efficiency of introducing foreign DNA into mice by microinjecting eggs," <i>Proc. Natl. Acad. Sci. USA</i> 82:4438-4442, The National Academy of Sciences of the USA (1985)
AT	7	Brito, G.N.O. et al., "Behavioral Characteristics of Vasopressin-Deficient Rats (Brattleboro Strain)," <i>Brain Res. Bull.</i> 6:71-75, ANKHO International Inc. (1981)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785,474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001	GROUP 1647		

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	8	Broach, J.R. et al., "Transformation in Yeast: Development of a Hybrid Cloning Vector and Isolation of the CAN1 Gene," <i>Gene</i> 8:121-133, Elsevier/North Holland Biomedical Press (1979)
AS	8	Brousseau, T. et al., "Confirmation of the ε4 allele of the apolipoprotein E gene as a risk factor for late-onset Alzheimer's disease," <i>Neurology</i> 44:342-344, American Academy of Neurology (February 1994)
AT	8	Casadaban, M.J. et al., "In Vitro Gene Fusions That Join an Enzymatically Active β-Galactosidase Segment to Amino-Terminal Fragments of Exogenous Proteins: <i>Escherichia coli</i> Plasmid Vectors for the Detection and Cloning of Translational Initiation Signals," <i>J. Bacteriol.</i> 143:971-980, American Society for Microbiology (1980)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK	APPLICATION NO. 09/785,474
		APPLICANT TANZI et al.	
		FILING DATE February 20, 2001	GROUP 1647

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	9	Cataldo, A.M. et al., "Lysosomal proteinase antigens are prominently localized within senile plaques of Alzheimer's disease: evidence for a neuronal origin," <i>Brain Res.</i> 513:181-192, Elsevier Science Publishers B.V. (1990)
AS	9	Chang, A.C.Y. et al., "Phenotypic expression in <i>E. coli</i> of a DNA sequence coding for mouse dihydrofolate reductase," <i>Nature</i> 275:617-624, Macmillan Publishers Ltd (1978)
AT	9	Choi-Miura, N.-H. et al., "SP-40,40 is a constituent of Alzheimer's amyloid," <i>Acta Neuropathol.</i> 83:260-264, Springer-Verlag (1992)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785,474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001	GROUP 1647		

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>10</u>	Cook, R.H. et al., "Studies in aging of the brain: IV. Familial Alzheimer disease: Relation to transmissible dementia, aneuploidy, and microtubular defects," <i>Neurol.</i> 29:1402-1412, American Academy of Neurology (1979)
AS	<u>10</u>	Corder, E.H. et al., "Gene Dose of Apolipoprotein E Type 4 Allele and the Risk of Alzheimer's Disease in Late Onset Families," <i>Science</i> 261:921-923, American Association for the Advancement of Science (1993)
AT	<u>10</u>	Corder, E.H. et al., "Protective effect of apolipoprotein E type 2 allele for late onset Alzheimer Disease," <i>Nature Genet.</i> 7:180-184, Macmillan Publishers Ltd (June 1994)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK	APPLICATION NO. 09/785,474
		APPLICANT TANZI et al.	
		FILING DATE February 20, 2001	GROUP 1647

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>11</u>	Coria, F. et al., "Isolation and Characterization of Amyloid P Component from Alzheimer's Disease and Other Types of Cerebral Amyloidosis," <i>Lab. Invest.</i> 58:454-458, The United States and Canadian Academy of Pathology, Inc. (1988)
AS	<u>11</u>	Corsaro, C.M. and M.L. Pearson, "Enhancing the Efficiency of DNA-Mediated Gene Transfer in Mammalian Cells," <i>Somatic Cell Genet.</i> 7:603-616, Plenum Press (1981)
AT	<u>11</u>	Craik, C.S., "Use of Oligonucleotides for Site-Specific Mutagenesis," <i>BioTech.</i> 3:12-19, Eaton Publishing Co (1985)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK	APPLICATION NO. 09/785,474
		APPLICANT TANZI et al.	
		FILING DATE February 20, 2001	GROUP 1647

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>12</u>	Cristiano, R.J. et al., "Hepatic gene therapy: Adenovirus enhancement of receptor-mediated gene delivery and expression in primary hepatocytes," Proc. Natl. Acad. Sci. USA 90:2122-2126, The National Academy of Sciences of the USA (1993)
AS	<u>12</u>	Cullen, D. et al., "Controlled Expression and Secretion of Bovine Chymosin in Aspergillus nidulans," Bio/Technol. 5:369-376, Nature Publishing Company (1987)
AT	<u>12</u>	Curiel, D.T. et al., "High-Efficiency Gene Transfer Mediated by Adenovirus Coupled to DNA-Polylysine Complexes," Hum. Gene Ther. 3:147-154, Mary Ann Liebert, Inc. (1992)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <b>INFORMATION DISCLOSURE STATEMENT</b>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785,474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001	GROUP 1647		

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

AR	<u>13</u>	Czakó, M. and L. Márton, "The Herpes Simplex Virus Thymidine Kinase Gene as a Conditional Negative-Selection Marker Gene in <i>Arabidopsis thaliana</i> ," <i>Plant Physiol.</i> 104:1067-1071, American Society of Plant Physiologists (March 1994)
AS	<u>13</u>	DeNoto, F.M. et al., "Human growth hormone DNA sequence and mRNA structure: possible alternative splicing," <i>Nucl. Acids Res.</i> 9:3719-3730, Oxford University Press (1981)
AT	<u>13</u>	Drinkwater, N.R. and D.K. Klinedinst, "Chemically induced mutagenesis in a shuttle vector with a low-background mutant frequency," <i>Proc. Natl. Acad. Sci. USA</i> 83:3402-3406, The National Academy of Sciences of the USA (1986)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <b>INFORMATION DISCLOSURE STATEMENT</b>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785,474	
		APPLICANT TANZI <i>et al.</i>			
		FILING DATE February 20, 2001	GROUP 1647		

**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

AR	<u>14</u>	Dupl��a, C. <i>et al.</i> , "Quantitative Analysis of Polymerase Chain Reaction Products Using Biotinylated dUTP Incorporation," <i>Analyt. Biochem.</i> 212:229-236, Academic Press, Inc. (1993)
AS	<u>14</u>	Elvin, C.M. <i>et al.</i> , "Modified bacteriophage lambda promoter vectors for overproduction of proteins in <i>Escherichia coli</i> ," <i>Gene</i> 87:123-126, Elsevier Science Publishers B.V. (1990)
AT	<u>14</u>	Feldman, R.G. <i>et al.</i> , "Familial Alzheimer's disease," <i>Neurology</i> 13:811-824, The American Academy of Neurology (1963)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785,474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001	GROUP 1647		

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>15</u>	Felgner, P.L. et al., "Lipofection: A highly efficient, lipid-mediated DNA-transfection procedure," <i>Proc. Natl. Acad. Sci. USA</i> 84:7413-7417, The National Academy of Sciences of the USA (1987)
AS	<u>15</u>	Gershon, S. et al., "Methods for the Evaluation of Pharmacologic Agents in the Treatment of Cognitive and Other Defects in Dementia," in <i>Clinical Evaluation of Psychotropic Drugs: Principles and Guidelines</i> , Prien, R.F. and D.S. Robinson, eds., Raven Press, Ltd., New York, NY, pp. 467-499 (September 1994)
AT	<u>15</u>	Gillies, S.D. et al., "A Tissue-specific Transcription Enhancer Element Is Located in the Major Intron of a Rearranged Immunoglobulin Heavy Chain Gene," <i>Cell</i> 33:717-728, Cell Press (1983)

EXAMINER	DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785,474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001	GROUP 1647		

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>16</u>	Glasky, M.S. and C.L. Reading, "Stability of Specific Immunoglobulin Secretion by EBV-Transformed Lymphoblastoid Cells and Human-Murine Heterohybridomas," <i>Hybridoma</i> 8:377-389, Mary Ann Liebert, Inc. (1989)
AS	<u>16</u>	Goate, A. et al., "Segregation of a missense mutation in the amyloid precursor protein gene with familial Alzheimer's disease," <i>Nature</i> 349:704-706, Macmillan Publishers Ltd (1991)
AT	<u>16</u>	Gold, L. et al., "Translational Initiation in Prokaryotes," <i>Ann. Rev. Microbiol.</i> 35:365-403, Annual Reviews Inc. (1981)

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK	APPLICATION NO. 09/785,474
		APPLICANT TANZI et al.	
		FILING DATE February 20, 2001	GROUP 1647

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>17</u>	Goudsmit, J. et al., "Familial Alzheimer's Disease in Two Kindreds of the Same Geographic and Ethnic Origin: A Clinical and Genetic Study," <i>J. Neurolog. Sci.</i> 49:79-89, Elsevier/North-Holland Biomedical Press (1981)
AS	<u>17</u>	Graham, F.L. et al., "Characteristics of a Human Cell Line Transformed by DNA from Human Adenovirus Type 5," <i>J. Gen. Virol.</i> 36:59-72, Cambridge University Press (1977)
AT	<u>17</u>	Graham, F.L. and A.J. Van der Eb, "A New Technique for the Assay of Infectivity of Human Adenovirus 5 DNA," <i>Virol.</i> 52:456-467, Academic Press, Inc. (1973)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK	APPLICATION NO. 09/785,474
		APPLICANT TANZI et al.	
		FILING DATE February 20, 2001	GROUP 1647

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>18</u>	Grant, F.J. et al., "Improved RNA sequencing method to determine immunoglobulin mRNA sequence," <i>Nucl. Acids Res.</i> 15:5496, Oxford University Press (1987)
AS	<u>18</u>	Hammer, R.E. et al., "Production of transgenic rabbits, sheep and pigs by microinjection," <i>Nature</i> 315:680-683, Macmillan Publishers Ltd (1985)
AT	<u>18</u>	Hamos, J.E. et al., "Expression of heat shock proteins in Alzheimer's disease," <i>Neurol.</i> 41:345-350, American Academy of Neurology (1991)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK	APPLICATION NO. 09/785,474
		APPLICANT TANZI et al.	
		FILING DATE February 20, 2001	GROUP 1647

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>19</u>	Heston, L.L. and J. White, "Pedigrees of 30 Families with Alzheimer Disease: Associations with Defective Organization of Microfilaments and Microtubules," <i>Behavior Genet.</i> 8:315-331, Plenum Press (1978)
AS	<u>19</u>	Hinnen, A. et al., "Transformation of yeast," <i>Proc. Natl. Acad. Sci. USA</i> 75:1929-1933, The National Academy of Sciences of the USA (1978)
AT	<u>19</u>	Hitzeman, R.A. et al., "Isolation and Characterization of the Yeast 3-Phosphoglycerokinase Gene (PGK) by an Immunological Screening Technique," <i>J. Biol. Chem.</i> 255:12073-12080, The American Society of Biological Chemists, Inc. (1980)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785,474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001	GROUP 1647		

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	20	Horwitz, M.S.Z. et al., "Selection of new biological activities from random nucleotide sequences: evolutionary and practical considerations," <i>Genome</i> 31:112-117, Genetics Society of Canada (1989)
AS	20	Hurby, V.J. et al., "Application of Synthetic Peptides: Antisense Peptides," in <i>Synthetic Peptides: A User's Guide</i> , Grant, G.A., ed., W.H. Freeman, New York, NY, pp. 289-307 (1992)
AT	20	Iida, K. et al., "Rapid and sensitive method for detection of <i>Salmonella</i> strains using a combination of polymerase chain reaction and reverse dot-blot hybridization," <i>FEMS Microbiol. Letts.</i> 114:167-172, Elsevier Science Publishers B.V. (1993)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785,474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001	GROUP 1647		

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>21</u>	Ito, H. et al., "Transformation of Intact Yeast Cells Treated with Alkali Cations," <i>J. Bacteriol.</i> 153:163-168, American Society for Microbiology (1983)
AS	<u>21</u>	Jasny, B.R., "Insect Viruses Invade Biotechnology," <i>Science</i> 238:1653, American Association for the Advancement of Science (1987)
AT	<u>21</u>	Jones, P.T. et al., "Replacing the complementarity-determining regions in a human antibody with those from a mouse," <i>Nature</i> 321:522-525, Macmillan Publishers Ltd (1986)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <b>INFORMATION DISCLOSURE STATEMENT</b>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785, 474	
		APPLICANT TANZI <i>et al.</i>			
		FILING DATE February 20, 2001	GROUP 1647		

**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

AR	<u>22</u>	Kamino, K. <i>et al.</i> , "Linkage and Mutational Analysis of Familial Alzheimer Disease Kindreds for the APP Gene Region," <i>Am. J. Hum. Genet.</i> 51:998-1014, The University of Chicago Press (1992)
AS	<u>22</u>	Kasprzak, A.A. <i>et al.</i> , "Location of a Contact Site between Actin and Myosin in the Three-Dimensional Structure of the Acto-S1 Complex," <i>Biochem.</i> 28:9230-9238, American Chemical Society (1989)
AT	<u>22</u>	Koering, C.E. <i>et al.</i> , "Induced Expression of the Conditionally Cytotoxic Herpes Simplex Virus thymidine kinase Gene by Means of a Parvoviral Regulatory Circuit," <i>Hum. Gene Ther.</i> 5:457-463, Mary Ann Liebert, Inc. (April 1994)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <b>INFORMATION DISCLOSURE STATEMENT</b>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785,474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001	GROUP 1647		

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

AR	<u>23</u>	Kramer, F.R. and P.M. Lizardi, "Replicatable RNA reporters," <i>Nature</i> 339:401-402, Macmillan Publishers Ltd (1989)
AS	<u>23</u>	Kuusisto, J. et al., "Association of apolipoprotein E phenotypes with late onset Alzheimer's disease: population based study," <i>British Med. J.</i> 309:636-638, British Medical Association (September 1994)
AT	<u>23</u>	Kyte, J. and R.F. Doolittle, "A Simple Method for Displaying the Hydropathic Character of a Protein," <i>J. Mol. Biol.</i> 157:105-132, Academic Press Inc. (1982)

EXAMINER	DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785,474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001	GROUP 1647		

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>24</u>	Lannfelt, L. et al., "No linkage to chromosome 14 in Swedish Alzheimer's disease families," <i>Nature Genet.</i> 4:218-219, Macmillan Publishers Ltd (1993)
AS	<u>24</u>	Levy-Lahad, E. et al., "Candidate Gene for the Chromosome 1 Familial Alzheimer's Disease Locus," <i>Science</i> 269:973-977, American Association for the Advancement of Science (August 1995)
AT	<u>24</u>	Liao, X. and J.A. Wise, "A simple high-efficiency method for random mutagenesis of cloned genes using forced nucleotide misincorporation," <i>Gene</i> 88:107-111, Elsevier Science Publishers B.V. (1990)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <b>INFORMATION DISCLOSURE STATEMENT</b>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK	APPLICATION NO. 09/785,474
		APPLICANT TANZI et al.	
		FILING DATE February 20, 2001	GROUP 1647

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

AR	<u>25</u>	Liddell, M. et al., "Confirmation of association between the e4 allele of apolipoprotein E and Alzheimer's disease," <i>J. Med. Genet.</i> 31:197-200, BMJ Publishing Group (March 1994)
AS	<u>25</u>	Liu, A.Y. et al., "Production of a Mouse-Human Chimeric Monoclonal Antibody to CD20 with Potent Fc-Dependent Biologic Activity," <i>J. Immunol.</i> 139:3521-3526, The American Association of Immunologists (1987)
AT	<u>25</u>	Liu, A.Y. et al., "Chimeric mouse-human IgG1 antibody that can mediate lysis of cancer cells," <i>Proc. Natl. Acad. Sci. USA</i> 84:3439-3443, The National Academy of Sciences of the USA (1987)

EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK.		APPLICATION NO. 09/785, 474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001	GROUP 1647		

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>26</u>	Lizardi, P.M. et al., "Exponential Amplification of Recombinant-RNA Hybridization Probes," <i>Bio/Technol.</i> 6:1197-1202, Nature Publishing Company (1988)
AS	<u>26</u>	Loh, D.Y. et al., "Molecular Basis of a Mouse Strain-Specific Anti-Hapten Response," <i>Cell</i> 33:85-93, Cell Press (1983)
AT	<u>26</u>	Lomeli, H. et al., "Quantitative Assays Based on the Use of Replicatable Hybridization Probes," <i>Clin. Chem.</i> 35:1826-1831, American Association for Clinical Chemistry, Inc. (1989)

EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785,474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001	GROUP 1647		

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	27	Martin, J.J. et al., "Early-onset Alzheimer's disease in 2 large Belgian families," <i>Neurol.</i> 41:62-68, American Academy of Neurology (1991)
AS	27	McGeer, P.L. et al., "Distribution of clusterin in Alzheimer brain tissue," <i>Brain Res.</i> 579:337-341, Elsevier Science Publishers B.V. (1992)
AT	27	McGeer, P.L. and J. Rogers, "Anti-inflammatory agents as a therapeutic approach to Alzheimer's disease," <i>Neurol.</i> 42:447-449, American Academy of Neurology (1992)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785,474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001	GROUP 1647		

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>28</u>	McKnight, G.L. et al., "Identification and molecular analysis of a third <i>Aspergillus nidulans</i> alcohol dehydrogenase gene," <i>EMBO J.</i> 4:2093-2099, Oxford University Press (1985)
AS	<u>28</u>	Messing, J., "New M13 Vectors for Cloning," <i>Meth. Enzymol.</i> 101:20-78, Academic Press, Inc. (1983)
AT	<u>28</u>	Miller, D.W. et al., "An Insect Baculovirus Host-Vector System for High-Level Expression of Foreign Genes," in <i>Genetic Engineering, Principles and Methods</i> , Volume 8, Setlow, J.K. and A. Hollaender, eds., Plenum Press, New York, NY, 277-298 (1986)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785,474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001		GROUP 1647	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>29</u>	Morrison, S.L., "Transfectedomas Provide Novel Chimeric Antibodies," <i>Science</i> 229:1202-1207, American Association for the Advancement of Science (1985)
AS	<u>29</u>	Namba, Y. et al., "Apolipoprotein E immunoreactivity in cerebral amyloid deposits and neurofibrillary tangles in Alzheimer's disease and kuru plaque amyloid in Creutzfeldt-Jakob disease," <i>Brain Res.</i> 541:163-166, Elsevier Science Publishers B.V. (1991)
AT	<u>29</u>	Nee, L.E. et al., "Dememtia of the Alzheimer type: Clinical and family study of 22 twin pairs," <i>Neurol.</i> 37:359-363, American Academy of Neurology (1987)

EXAMINER	DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK	APPLICATION NO. 09/785,474
		APPLICANT TANZI et al.	
		FILING DATE February 20, 2001	GROUP 1647

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>30</u>	Nee, L.E. et al., "A Family With Histologically Confirmed Alzheimer's Disease," Arch. Neurol. 40:203-208, American Medical Association (1983)
AS	<u>30</u>	Neumann, E. et al., "Gene transfer into mouse lyoma cells by electroporation in high electric fields," EMBO J. 1:841-845, Oxford University Press (1982)
AT	<u>30</u>	Nichols, B.P. and C. Yanofsky, "Plasmids Containing the trp Promoters of Escherichia coli and Serratia marcescens and Their Use in Expressing Cloned Genes," Meth. Enzymol. 101:155-164, Academic Press, Inc. (1983)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK	APPLICATION NO. 09/785,474
		APPLICANT TANZI et al.	
		FILING DATE February 20, 2001	GROUP 1647

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>31</u>	Nickerson, D.A. et al., "Automated DNA diagnostics using an ELISA-based oligonucleotide ligation assay," Proc. Natl. Acad. Sci. USA 87:8923-8927, The National Academy of Sciences of the USA (1990)
AS	<u>31</u>	Nishimura, Y. et al., "Recombinant Human-Mouse Chimeric Monoclonal Antibody Specific for Common Acute Lymphocytic Leukemia Antigen," Cancer Res. 47:999-1005, American Association for Cancer Research (1987)
AT	<u>31</u>	Ohno, T. et al., "Gene Therapy for Vascular Smooth Muscle Cell Proliferation After Arterial Injury," Science 265:781-784, American Association for the Advancement of Science (August 1994)

EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785,474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001	GROUP 1647		

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>32</u>	Oi, V.T. and S.L. Morrison, "Chimeric Antibodies," <i>BioTechniques</i> 4:214-221, Eaton Publishing Co (1986)
AS	<u>32</u>	Ørskov, C. and J.H. Nielsen, "Truncated glucagon-like peptide-1 (proglucagon 78-107 amide), an intestinal insulin-releasing peptide, has specific receptors on rat insulinoma cells (RIN 5AH)," <i>FEBS Letts.</i> 229:175-178, Elsevier Science Publishers B.V. (1988)
AT	<u>32</u>	Palmeter, R.D. et al., "Metallothionein-Human GH Fusion Genes Stimulate Growth of Mice," <i>Science</i> 222:809-814, American Association for the Advancement of Science (1983)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK	APPLICATION NO. 09/785,474
		APPLICANT TANZI et al.	
		FILING DATE February 20, 2001	GROUP 1647

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	33	Palmeter, R.D. and R.L. Brinster, "Transgenic Mice," Cell 41:343-345, Cell Press (1985)
	AS	33	Paszkowski, J. et al., "Direct Gene Transfer to Plants," EMBO J. 3:2717-2722, Oxford University Press (1984)
	AT	33	Pericak-Vance, M.A. et al., "Genetic Linkage Studies in Alzheimer's Disease Families," Exper. Neurol. 102:271-279, Academic Press, Inc. (1988)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785,474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001	GROUP 1647		

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	34	Pickering, J.G. et al., "Liposome-Mediated Gene Transfer Into Human Vascular Smooth Muscle Cells," <i>Circulation</i> 89:13-21, American Heart Association (January 1994)
AS	34	Queen, C., "A Vector That Uses Phage Signals for Efficient Synthesis of Proteins in <i>Escherichia coli</i> ," <i>J. Mol. Appl. Genet.</i> 2:1-10, Raven Press (1983)
AT	34	Rapoport, S.I. et al., "Discordance and concordance of dementia of the Alzheimer type (DAT) in monozygotic twins indicate heritable and sporadic forms of Alzheimer's disease," <i>Neurology</i> 41:1549-1553, American Academy of Neurology (1991)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK	APPLICATION NO. 09/785,474
		APPLICANT TANZI et al.	
		FILING DATE February 20, 2001	GROUP 1647

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>35</u>	Rubin, G.M., "Drosophila melanogaster as an Experimental Organism," <i>Science</i> 240:1453-1459, American Association for the Advancement of Science (1988)
AS	<u>35</u>	Russell, D.R. and G.N. Bennett, "Construction and analysis of in vivo activity of <i>E. coli</i> promoter hybrids and promoter mutants that alter the -35 to -10 spacing," <i>Gene</i> 20:231-243, Elsevier Biomedical Press (1982)
AT	<u>35</u>	Russell, P.R., "Evolutionary divergence of the mRNA transcription initiation mechanism in yeast," <i>Nature</i> 301:167-169, Macmillan Publishers Ltd (1983)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785,474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001	GROUP 1647		

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>36</u>	Schellenberg, G.D. et al., "Absence of Linkage of Chromosome 21q21 Markers to Familial Alzheimer's Disease," <i>Science</i> 241:1507-1510, American Association for the Advancement of Science (1988)
AS	<u>36</u>	Schellenberg, G.D. et al., "Linkage Analysis of Familial Alzheimer Disease, Using Chromosome 21 Markers," <i>Am. J. Hum. Genet.</i> 48:563-583, The University of Chicago Press (1991)
AT	<u>36</u>	Schellenberg, G.D. et al., "APP <sub>717</sub> , APP <sub>693</sub> , and PRIP Gene Mutations Are Rare in Alzheimer Disease," <i>Am. J. Hum. Genet.</i> 49:511-517, The University of Chicago Press (1991)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785,474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001		GROUP 1647	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>37</u>	Schellenberg, G.D. et al., "Genetic Linkage Evidence for a Familial Alzheimer's Disease Locus on Chromosome 14," <i>Science</i> 258:668-671, American Association for the Advancement of Science (1992)
AS	<u>37</u>	Schellenberg, G.D. et al., "Genetic Association and Linkage Analysis of the Apolipoprotein CII Locus and Familial Alzheimer's Disease," <i>Ann. Neurol.</i> 31:223-227, American Neurological Association (1992)
AT	<u>37</u>	Schellenberg, G.D. et al., "Chromosome 14 and Late-Onset Familial Alzheimer Disease (FAD)," <i>Am. J. Hum. Genet.</i> 53:619-628, The University of Chicago Press (1993)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <b>INFORMATION DISCLOSURE STATEMENT</b>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785,474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001	GROUP 1647		

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

AR	<u>38</u>	Shaw, D.R. et al., "Mouse/Human Chimeric Antibodies to a Tumor-Associated Antigen: Biologic Activity of the Four Human IgG Subclasses," <i>J. Natl. Cancer Inst.</i> 80:1553-1559, National Cancer Institute (1988)
AS	<u>38</u>	Smith, A.D. et al., "Protective effect of apoE ε2 in Alzheimer's disease," <i>Lancet</i> 344:473-474, The Lancet Ltd (August 1994)
AT	<u>38</u>	Stewart, C.A. and R.G.M. Morris, "The watermaze," in <i>Behavioural Neuroscience, Volume I, A Practical Approach</i> , Sahgal, A., ed., IRL Press, Oxford, pp. 107-122 (1993)

EXAMINER	DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK	APPLICATION NO. 09/785,474
		APPLICANT TANZI et al.	
		FILING DATE February 20, 2001	GROUP 1647

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	39	Strauss, S. et al., "Detection of Interleukin-6 and $\alpha_2$ -Macroglobulin Immunoreactivity in Cortex and Hippocampus of Alzheimer's Disease Patients," <i>Lab. Invest.</i> 66:223-230, The Academy of Pathology, Inc. (1992)
AS	39	Struhl, K. et al., "High-frequency transformation of yeast: Autonomous replication of hybrid DNA molecules," <i>Proc. Natl. Acad. Sci. USA</i> 76:1035-1039, The National Academy of Sciences of the USA (1979)
AT	39	Studier, F.W. et al., "Use of T7 RNA Polymerase to Direct Expression of Cloned Genes," <i>Meth. Enzymol.</i> 185:60-89, Academic Press, Inc. (1990)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK	APPLICATION NO. 09/785,474
		APPLICANT TANZI et al.	
		FILING DATE February 20, 2001	GROUP 1647

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>40</u>	Subramani, S. et al., "Expression of the Mouse Dihydrofolate Reductase Complementary Deoxyribonucleic Acid in Simian Virus 40 Vectors," <i>Mol. Cell. Biol.</i> 1:854-864, American Society for Microbiology (1981)
AS	<u>40</u>	Sun, L.K. et al., "Chimeric antibody with human constant regions and mouse variable regions directed against carcinoma-associated antigen 17-1A," <i>Proc. Natl. Acad. Sci. USA</i> 84:214-218, The National Academy of Sciences of the USA (1987)
AT	<u>40</u>	Tsai, M.-S. et al., "Apolipoprotein E: Risk Factor for Alzheimer Disease," <i>Am. J. Hum. Genet.</i> 54:643-649, The University of Chicago Press (April 1994)

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK	APPLICATION NO. 09/785,474
		APPLICANT TANZI et al.	
		FILING DATE February 20, 2001	GROUP 1647

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>41</u>	Turnbull, I.F. et al., "Expression of the <i>Escherichia coli</i> Enterotoxin Subunit B Gene in <i>Aspergillus nidulans</i> Directed by the AMDS Promoter," <i>Bio/Technol.</i> 7:169-174, Nature Publishing Company (1989)
AS	<u>41</u>	Uéda, K. et al., "Molecular cloning of cDNA encoding an unrecognized component of amyloid in Alzheimer disease," <i>Proc. Natl. Acad. Sci. USA</i> 90:11282-11286, The National Academy of Sciences of the USA (1993)
AT	<u>41</u>	van Bogaert, L. et al., "Sur les formes familiales précoce de la maladie d'Alzheimer," <i>Mschr. Psych. Neurol.</i> 102:249-301, S. Karger (1940)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <b>INFORMATION DISCLOSURE STATEMENT</b>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785,474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001	GROUP 1647		

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

AR	<u>42</u>	van Duijn, C.M. et al., "A Population-based Study of Familial Alzheimer Disease: Linkage to Chromosomes 14, 19, and 21," Am. J. Hum. Genet. 55:714-727, The University of Chicago Press (October 1994)
AS	<u>42</u>	Verhoeyen, M. et al., "Reshaping Human Antibodies: Grafting an Antilysozyme Activity," Science 239:1534-1536, American Association for the Advancement of Science (1988)
AT	<u>42</u>	Vieira, J. and J. Messing, "The pUC plasmids, an M13mp7-derived system for insertion mutagenesis and sequencing with synthetic universal primers," Gene 19:259-268, Elsevier Biomedical Press (1982)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785,474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001	GROUP 1647		

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>43</u>	Vile, R.G. and I.R. Hart, "Use of Tissue-specific Expression of the Herpes Simplex Virus Thymidine Kinase Gene to Inhibit Growth of Established Murine Melanomas following Direct Intratumoral Injection of DNA," <i>Cancer Res.</i> 53:3860-3864, American Association for Cancer Research (1993)
AS	<u>43</u>	Walder, R.Y. and J.A. Walder, "Oligodeoxynucleotide-directed mutagenesis using the yeast transformation system," <i>Gene</i> 42:133-139, Elsevier Science Publishers B.V. (1986)
AT	<u>43</u>	Wang, C.-Y. and L. Huang, "pH-sensitive immunoliposomes mediate target-cell-specific delivery and controlled expression of a foreign gene in mouse," <i>Proc. Natl. Acad. Sci. USA</i> 84:7851-7855, The National Academy of Sciences of the USA (1987)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK	APPLICATION NO. 09/785,474
		APPLICANT TANZI et al.	
		FILING DATE February 20, 2001	GROUP 1647

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>44</u>	Wheelan, L., "Familiar Alzheimer's Disease," <i>Ann. Hum. Genet</i> 23:300-310, Cambridge University Press (1959)
AS	<u>44</u>	Wigler, M. et al., "Biochemical Transfer of Single-Copy Eucaryotic Genes Using Total Cellular DNA as Donor," <i>Cell</i> 14:725-731, Cell Press (1978)
AT	<u>44</u>	Williams, R.S. et al., "Introduction of foreign genes into tissues of living mice by DNA-coated microprojectiles," <i>Proc. Natl. Acad. Sci. USA</i> 88:2726-2730, The National Academy of Sciences of the USA (1991)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK	APPLICATION NO. 09/785,474
		APPLICANT TANZI et al.	
		FILING DATE February 20, 2001	GROUP 1647

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	45	Wisniewski, T. and B. Frangione, "Apolipoprotein E: a pathological chaperone protein in patients with cerebral and systemic amyloid," <i>Neurosci. Letts.</i> 135:235-238, Elsevier Scientific Publishers Ireland Ltd (1992)
AS	45	Wood, C.R. et al., "The synthesis and <i>in vivo</i> assembly of functional antibodies in yeast," <i>Nature</i> 314:446-449, Macmillan Publishers Ltd (1985)
AT	45	Wu, C.H. et al., "Targeting Genes: Delivery and Persistant Expression of a Foreign Gene Driven by Mammalian Regulatory Elements <i>in vivo</i> ," <i>J. Biol. Chem.</i> 264:16985-16987, American Society for Biochemistry and Molecular Biology (1989)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785,474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001	GROUP 1647		

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>46</u>	Yelton, M.M. et al., "Transformation of <i>Aspergillus nidulans</i> by using a <i>trpC</i> plasmid," <i>Proc. Natl. Acad. Sci. USA</i> 81:1470-1474, The National Academy of Sciences of the USA (1984)
AS	<u>46</u>	Yu, C.-E. et al., "The Apolipoprotein E/CII Gene Cluster and Late-Onset Alzheimer Disease," <i>Am. J. Hum. Genet.</i> 54:631-642, The University of Chicago Press (April 1994)
AT	<u>46</u>	Boteva, K. et al., "Mutation analysis of presenilin 1 gene in Alzheimer's disease," <i>Lancet</i> 347:130-131, The Lancet Ltd (January 1996)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785,474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001	GROUP 1647		

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	47	Baumann, H. et al., "The Amino-Acid Sequence of a Peptide (PS-1) from <i>Drosophila funebris</i> : A Paragonial Peptide from Males which Reduces the Receptivity of the Female," <i>Eur. J. Biochem.</i> 52:521-529, Blackwell Science Ltd (1975)
AS	47	Clark, R.F. et al., "The structure of the presenilin 1 (S182) gene and identification of six novel mutations in early onset AD families," <i>Nat. Gen.</i> 11:219-222, Macmillan Publishers Ltd (October 1995)
AT	47	Cook, D.G. et al., "Expression and analysis of presenilin 1 in a human neuronal system: Localization in cell bodies and dendrites," <i>Proc. Natl. Acad. Sci. USA</i> 93:9223-9228, The National Academy of Sciences of the USA (August 1996)

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK	APPLICATION NO. 09/785,474
		APPLICANT TANZI et al.	
		FILING DATE February 20, 2001	GROUP 1647

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>48</u>	Deschamps, B.J. et al., "Rat Hepatonuclear Factor PS-1 Regulates Tissue-specific Activity of the S14 Promoter in Vitro," <i>J. Biol. Chem.</i> 267:25167-25171, The American Society for Biochemistry and Molecular Biology, Inc. (1992)
AS	<u>48</u>	Elder, G.A. et al., "Identification and Neuron Specific Expression of the S182/Presenilin I Protein in Human and Rodent Brains," <i>J. Neurosci. Res.</i> 45:308-320, Wiley-Liss, Inc. (August 1996)
AT	<u>48</u>	Gómez-Isla, T. et al., "A Novel Presenilin-1 Mutation: Increased β-Amyloid and Neurofibrillary Changes," <i>Ann. Neurol.</i> 41:809-813, John Wiley & Sons, Inc. (June 1997)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK	APPLICATION NO. 09/785,474
		APPLICANT TANZI et al.	
		FILING DATE February 20, 2001	GROUP 1647

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

AR	<u>49</u>	Hopp, T.P. and K.R. Woods, "Prediction of protein antigenic determinants from amino acid sequences," <i>Proc. Natl. Acad. Sci. USA</i> 78:3824-3828, The National Academy of Sciences of the USA (1981)
AS	<u>49</u>	Kovacs, D.M. et al., "Alzheimer-associated presenilins 1 and 2: Neuronal expression in brain and localization to intracellular membranes in mammalian cells," <i>Nat. Med.</i> 2:224-229, Macmillan Publishers Ltd (February 1996)
AT	<u>49</u>	Lebo, R.V. et al., "Flow-sorting Analysis of Normal and Abnormal Human Genomes," in <i>Cold Spring Harbor Symposia on Quantitative Biology</i> 51:169-176, Cold Spring Harbor Laboratory Press (1986)

EXAMINER	DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK	APPLICATION NO. 09/785,474
		APPLICANT TANZI et al.	
		FILING DATE February 20, 2001	GROUP 1647

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>50</u>	Sahara, N. et al., "Identification and characterization of presenilin I-467, I-463 and I-374," <i>FEBS Lett.</i> 381:7-11, Elsevier Science Publishers B.V. (February 1996)
AS	<u>50</u>	Sambrook, J. et al., "Using Mutagenesis to Study Proteins," in <i>Molecular Cloning, A Laboratory Manual, Second Edition</i> , Cold Spring Harbor Laboratory Press, Cold Spring Harbor, New York, pp.15.81-15.84, 16.3-16.4, 17.2 (1989)
AT	<u>50</u>	Sherrington, R. et al., "Cloning of a gene bearing missense mutations in early-onset familial Alzheimer's disease," <i>Nature</i> 375:754-760, Macmillan Publishers Ltd (June 1995)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0609.4180002/JAG/JUK		APPLICATION NO. 09/785,474	
		APPLICANT TANZI et al.			
		FILING DATE February 20, 2001	GROUP 1647		

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	51	Wasco, W. et al., "Familial Alzheimer's chromosome 14 mutations," Nat. Med. 1:848, Macmillan Publishers Ltd (September 1995)				
AS						
AT						

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.